



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-1044-B5; EX04-044C-US)**

**In the Application of:**

**Michael R. Costa et al.**

**International App. No.: PCT/US04/19533**

**U.S. Serial No.: 10/556,937**

**International Filing Date: June 18, 2004**

**For: MARKs As Modifiers of the PTEN  
Pathway and Method of Use**

**Examiner: To Be Assigned**

**Group Art Unit: To Be Assigned**

**Confirmation No. 6980**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following reference of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copy of the reference cited below is enclosed. The reference is also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed reference may be material to the Examiner's consideration of the presently pending claims. However, the reference has not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed reference has effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

**Other Documents**

1. Drewes G. et al., MARK, a Novel Family of Protein Kinases the phosphorylate Microtubule-Associated Proteins and Trigger Microtubule Distruction; Cell, April 18, 1997, Vol. 89, pages 297-308.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Date: November 15, 2006

By:

Respectfully submitted,

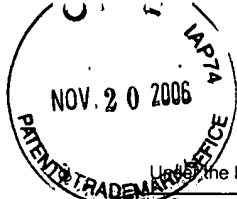
  
Anita J. Terpstra

Reg. No. 47,132

**McDonnell, Boehnen Hulbert & Berghoff**

300 South Wacker Drive

Chicago, IL 60606



Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/556,937
Filing Date	November 10, 2005
First Named Inventor	Michael Costa
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	05-1044-B

Sheet

1

of

2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	Drewes G. Et al. MARK, a Novel Family of Protein Kinases the phosphorylate Microtubule-Associated Proteins and Trigger Microtubule Districution. Cell, 18 April 1997, Vol. 89, pgs. 297-308.	

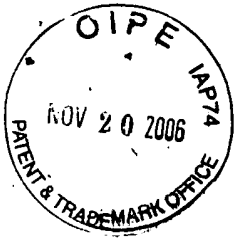
Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-1044-B5; EX04-044C-US)**

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<b>Michael R. Costa et al.</b>	)	
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<b>International App. No.: PCT/US04/19533</b>	)	
	)	
<b>U.S. Serial No.: 10/556,937</b>	)	<b>Group Art Unit: To Be Assigned</b>
	)	
<b>International Filing Date: June 18, 2004</b>	)	<b>Confirmation No. 6980</b>
	)	
<b>For: MARKs As Modifiers of the PTEN</b>	)	
<b>Pathway and Method of Use</b>	)	

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

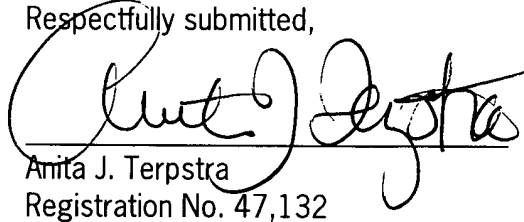
In regard to the above identified application,

1. We are transmitting herewith the attached:
  - a) Information Disclosure Statement;
  - b) PTO Form-1449;
  - c) Copy of cited reference; and
  - d) Return receipt postcard.
2. With respect to fees:
  - a) No fee is believed to be due at this time.
  - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited via first class mail with the United States Post Office, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 15 2006.

Date: November 15, 2006

Respectfully submitted,



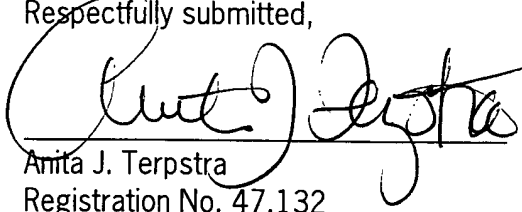
Anita J. Terpstra  
Registration No. 47,132



3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited via first class mail with the United States Post Office, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 15 2006.

Respectfully submitted,

Date: November 15, 2006

  
Anita J. Terpstra  
Registration No. 47,132